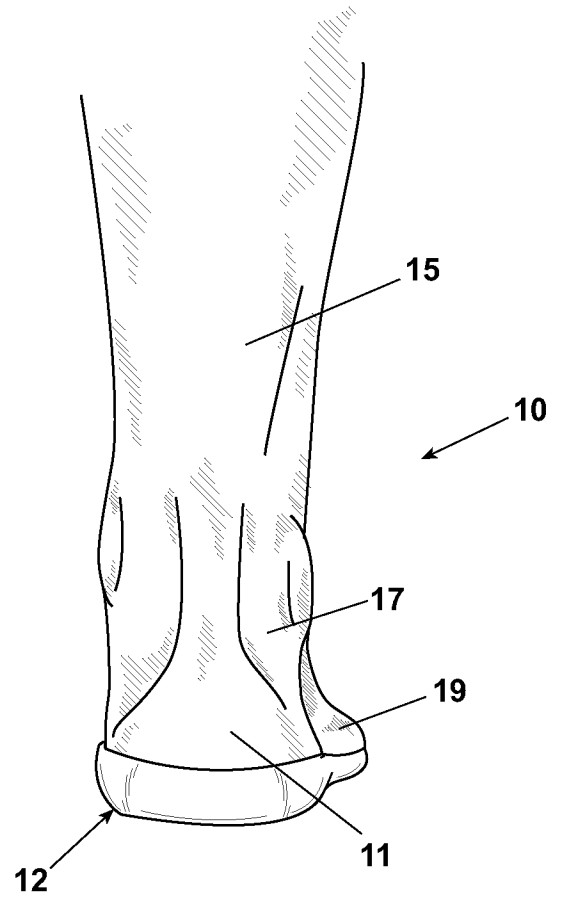
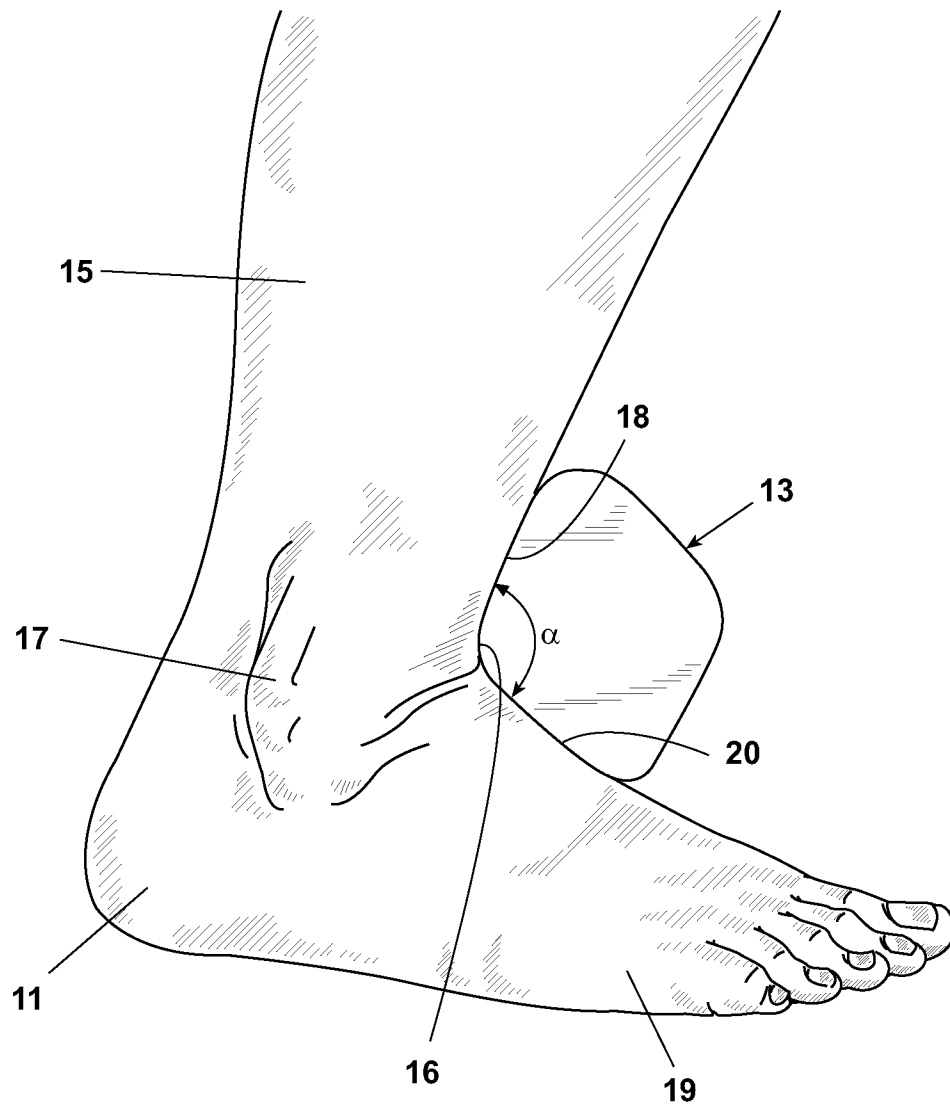


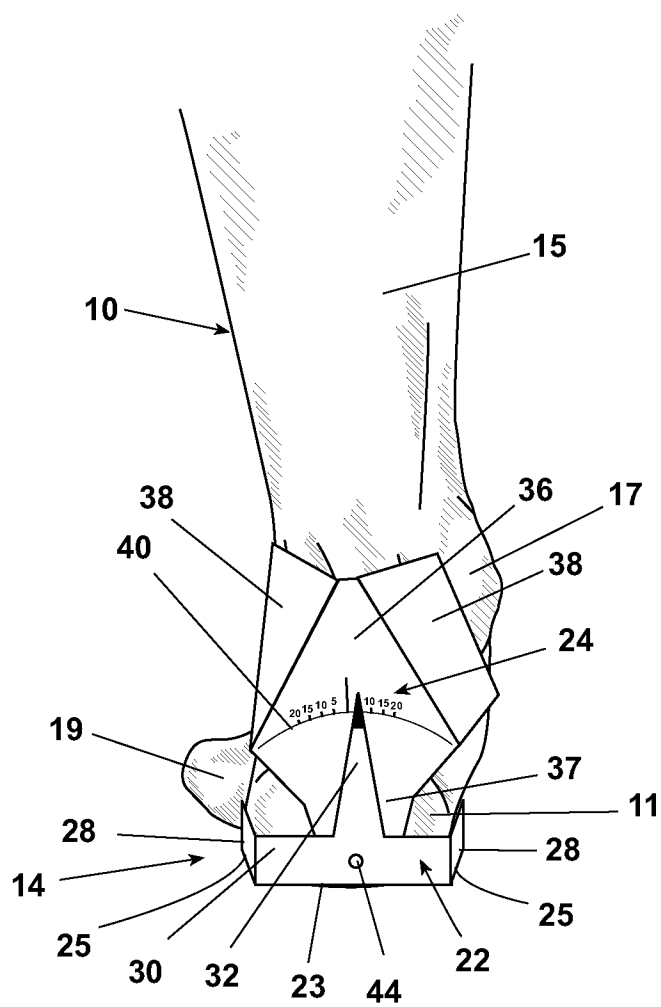
**Fig. 1**



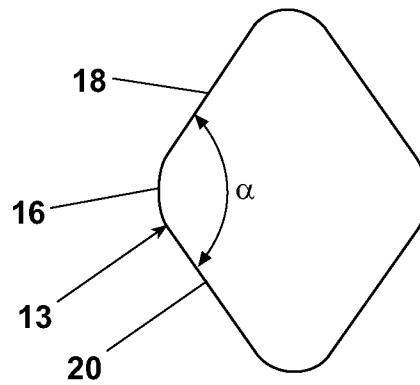
**Fig. 2**



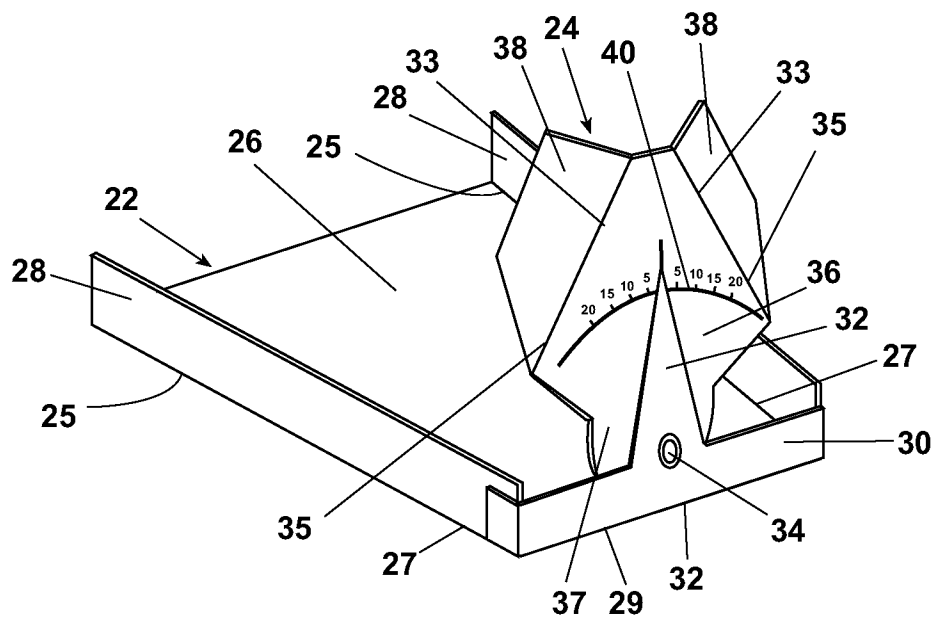
**Fig. 3**



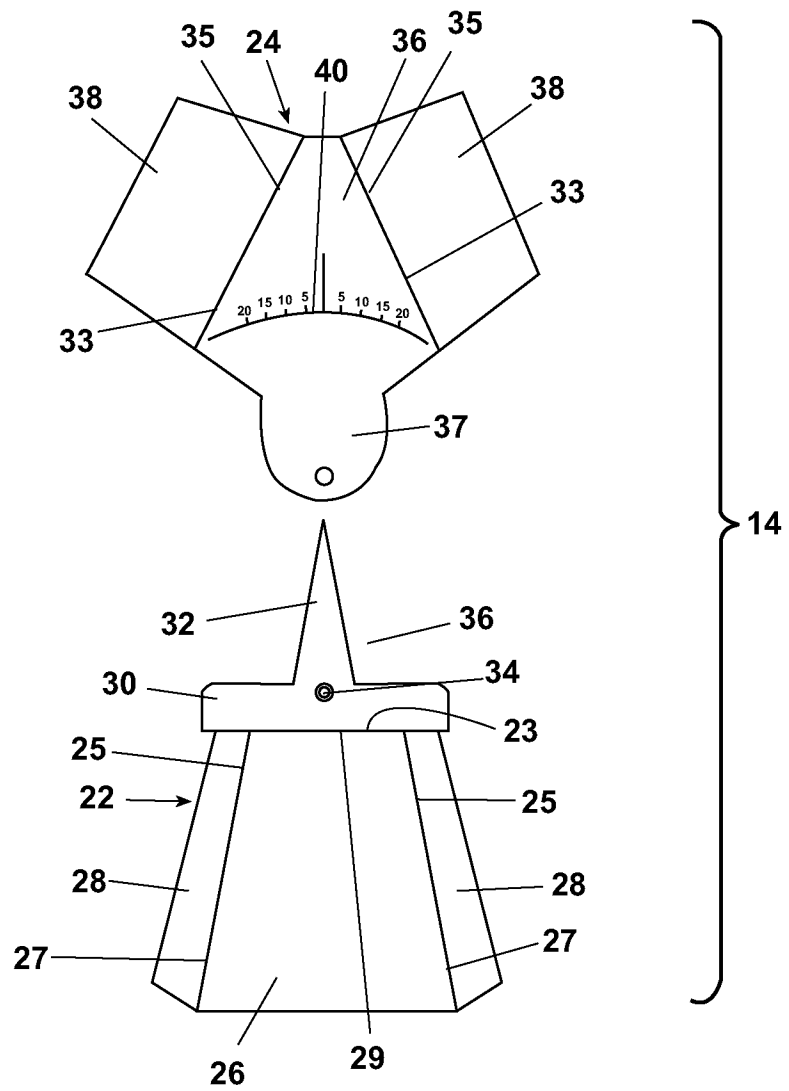
**Fig. 4**



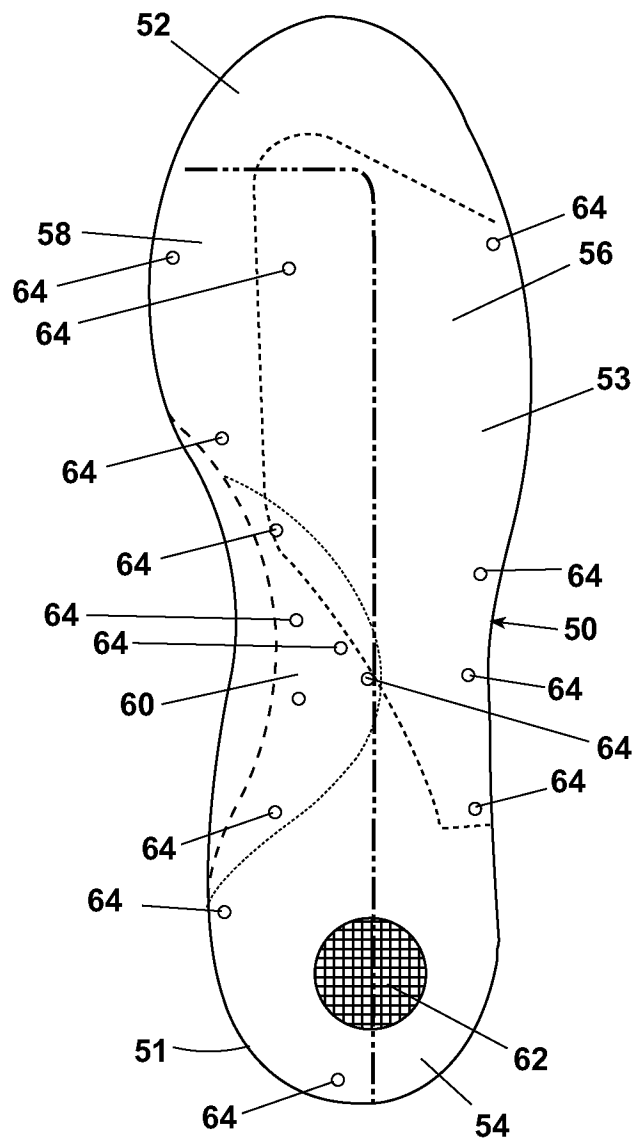
**Fig. 5**



**Fig. 6**

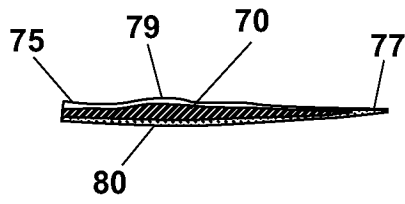


**Fig. 7**

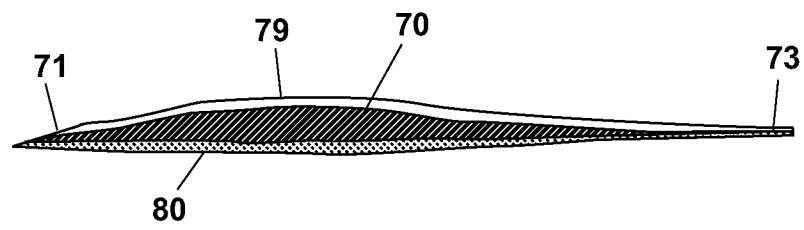


**Fig. 8**

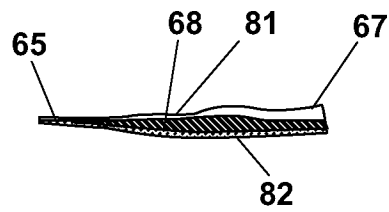




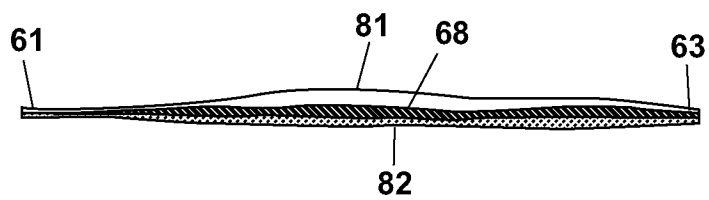
**Fig. 10**



**Fig. 11**

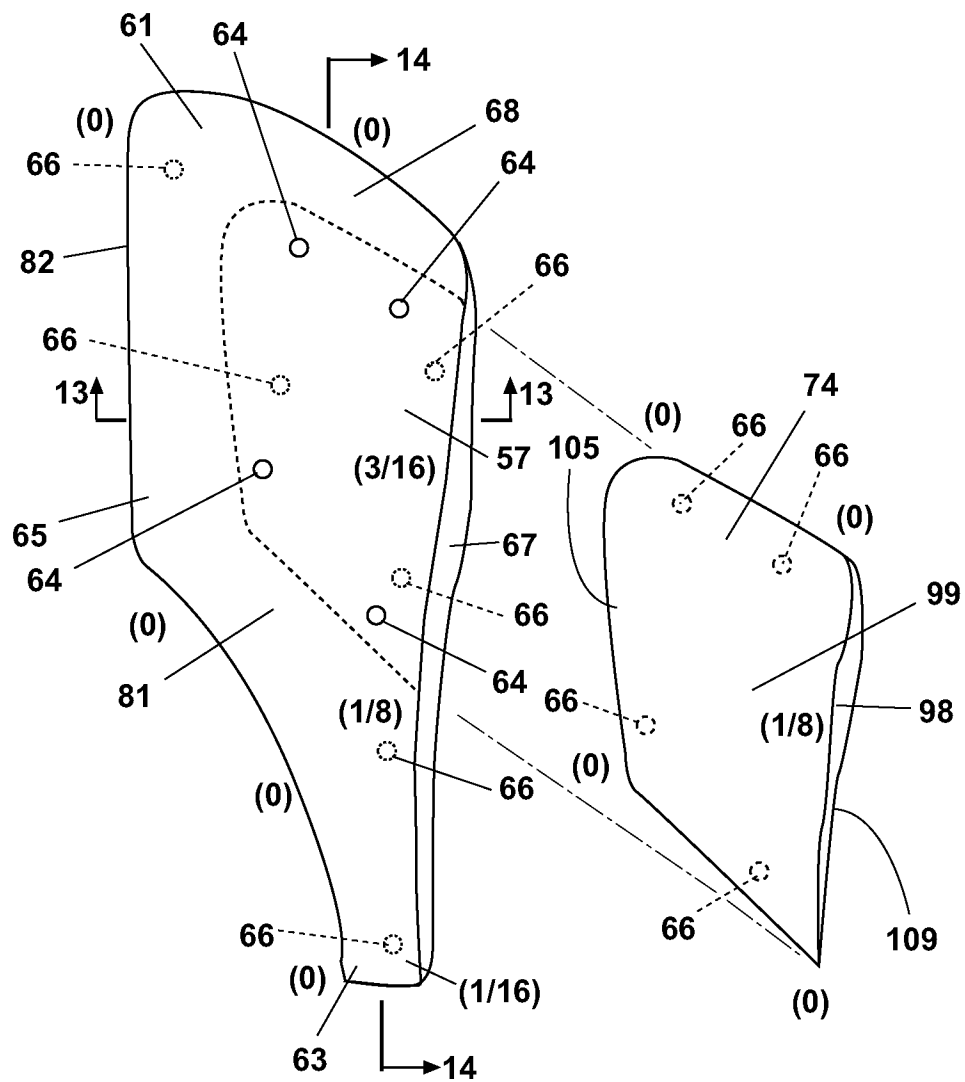


**Fig. 13**

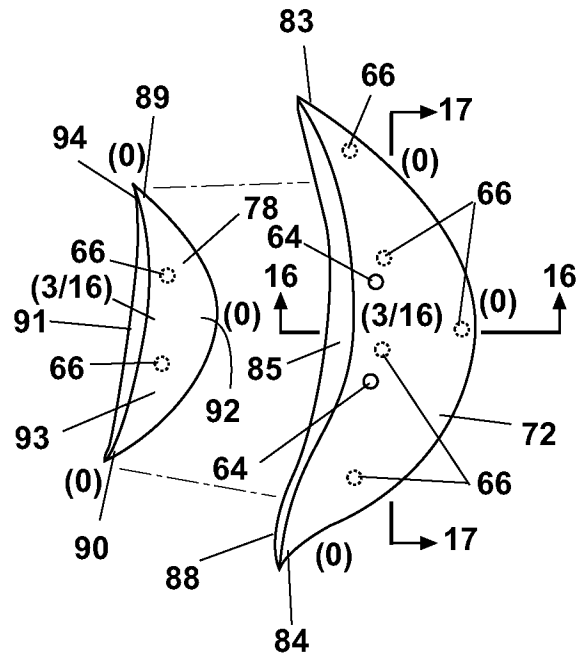


**Fig. 14**

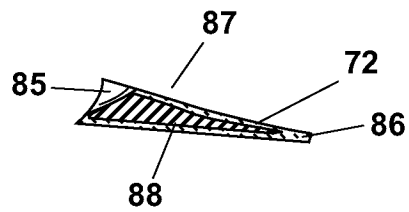




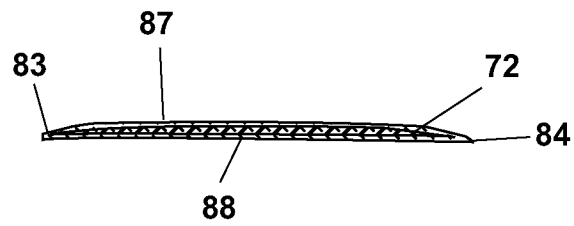
**Fig. 12**



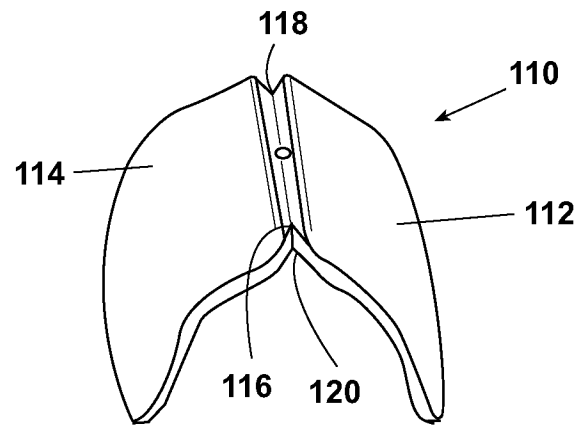
**Fig. 15**



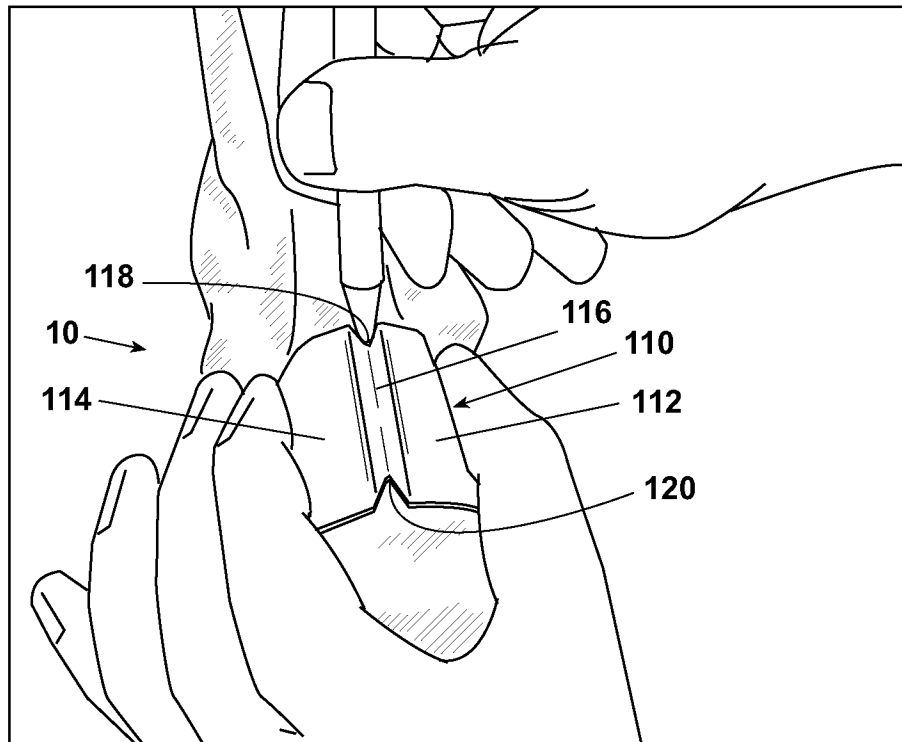
**Fig. 16**



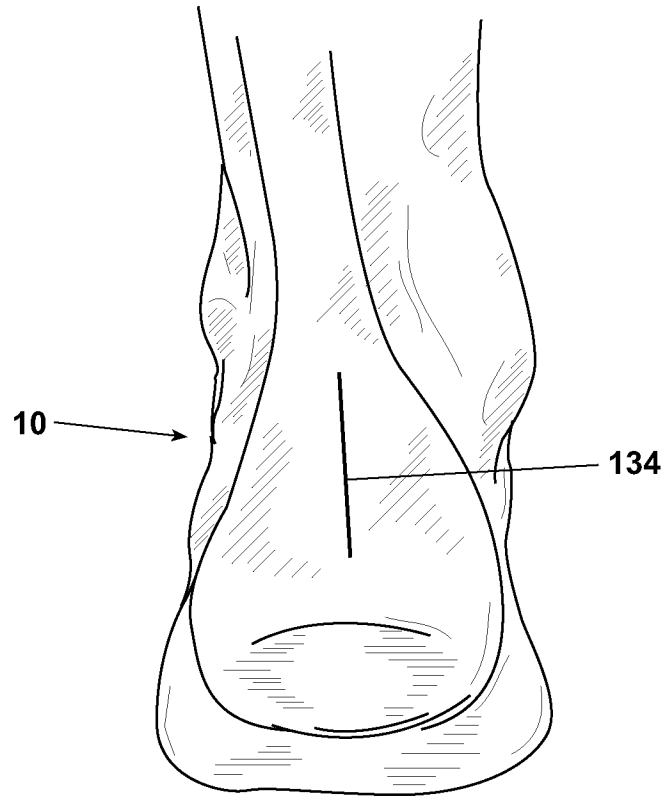
**Fig. 17**



**Fig. 18**



**Fig. 19**



**Fig. 20**

## DATABASE CHART

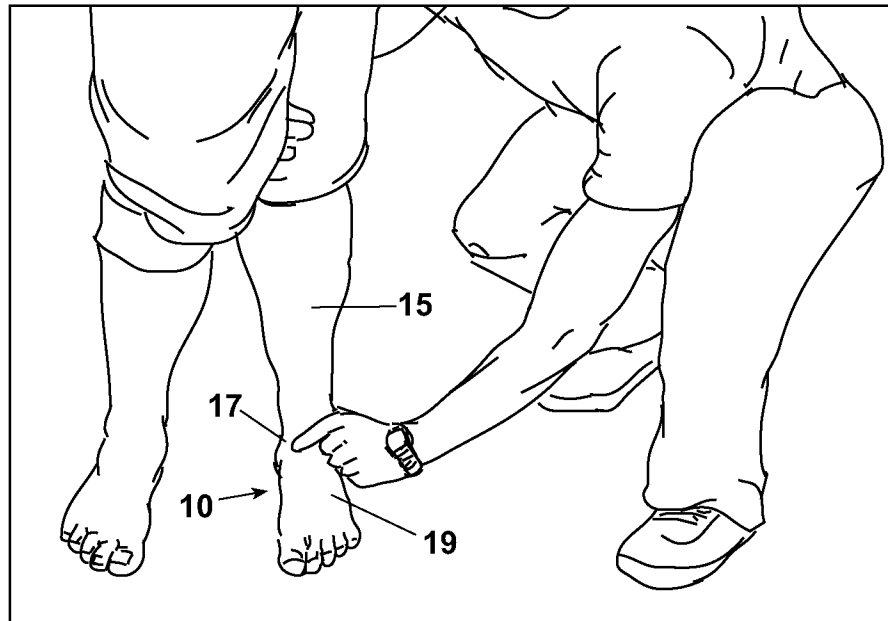
SUBTALAR JOINT GONIOMETER MEASUREMENT	SHOE TYPE	CORRECTIVE ALIGNMENT INSOLE COMPONENTS
-5° to 3° (Over-Supination)	<ul style="list-style-type: none"> <li>• Cushion</li> <li>• Flexible Forefoot</li> <li>• Curved</li> </ul>	Base Insole + Supination Control Pad + Supplementary Supination Control Pad (Type A)
3° to 6° (Mild Supination)	<ul style="list-style-type: none"> <li>• Cushion</li> <li>• Flexible Forefoot</li> <li>• Semi-Curved</li> <li>• Light Heel Stability</li> </ul>	Base Insole + Supination Control Pad (Type B)
6° to 9° (Neutral)	<ul style="list-style-type: none"> <li>• Cushion/Stability</li> <li>• Semi-Curved</li> <li>• Heel Stability</li> </ul>	Base Insole (Type C)
9° to 12° (Mild Pronation)	<ul style="list-style-type: none"> <li>• Full Stability</li> <li>• Semi-Straight</li> </ul>	Base Insole + Supplementary Motion Control Pad (Type D)
12° to 15° (Over-Pronation)	<ul style="list-style-type: none"> <li>• Motion Control</li> <li>• Straight</li> </ul>	Base Insole + Motion Control Pad (Type E)
>15 ° (Over-Pronation)	<ul style="list-style-type: none"> <li>• Motion Control</li> <li>• Straight</li> </ul>	Base Insole + Motion Control Pad + Supplementary Motion Control Pad (Type F)

**Fig. 21**

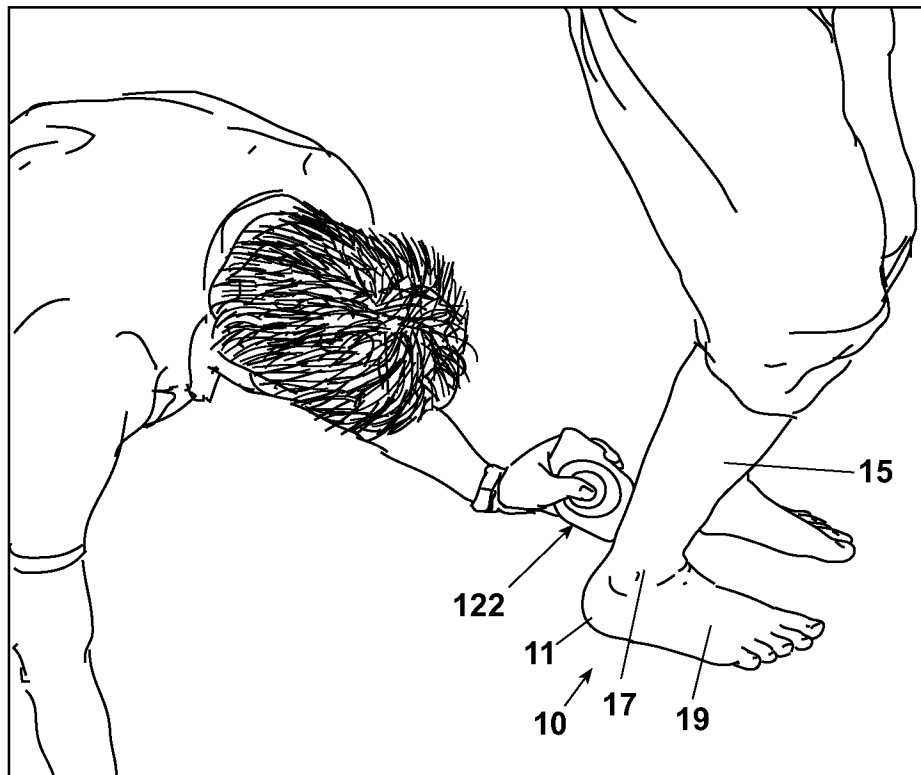
## FOOT/LEG SYMPTOMATIC CHART

SYMPTOMS	CORRECTIVE ALIGNMENT INSOLE TYPE	ADDITIONAL EVALUATIONS
Achilles Tendonitis	A or B	Leg Length Discrepancy
Plantar Fasciitis	C, D, E or F + Increase Arch Support 5° - 6°	
First Toe Joint Pain	D, E or F + Arch Support	Bunion and Leg Length Discrepancy
Medial Shin Pain	E or F + Arch Support	
Lateral Shin Pain	A or B	
ITB Pain	D, E or F + Arch Support	
Chondromalacia	A, B, E or F	Valgus and Varus Knee
Hamstring Pain	A, B, E or F	Piriformis Tightness
Painful Gastroc	A, B, E or F	Leg Length Discrepancy
Hip pain	A, B, E or F	Leg Length Discrepancy
Sciatica	E or F	Leg Length Discrepancy
Low Back Pain	E or F	Leg Length Discrepancy
Metatarsal Pain	A - F	Leg Length Discrepancy

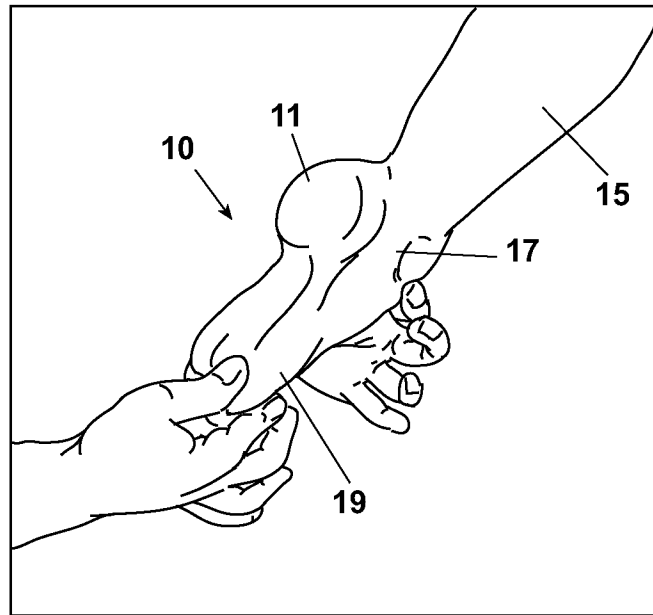
**Fig. 22**



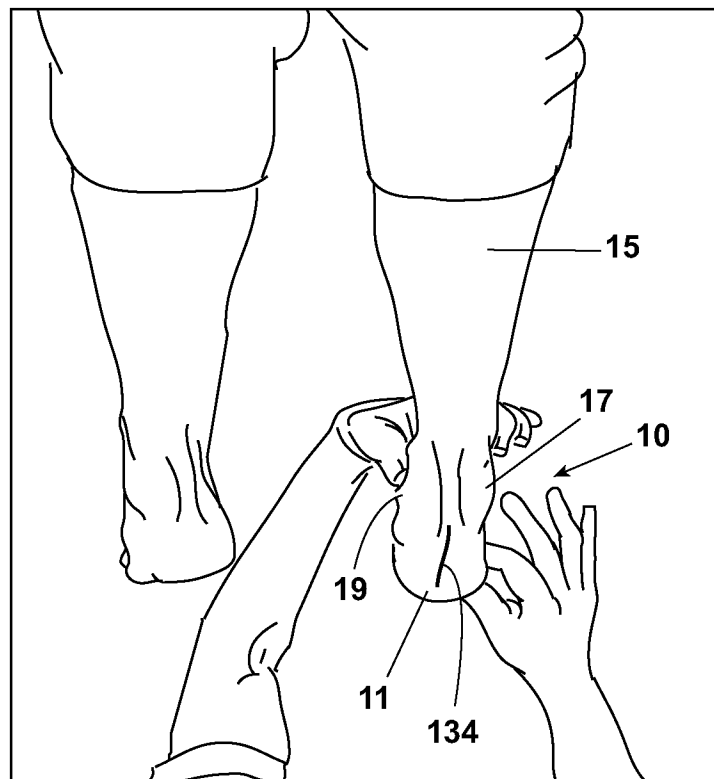
**Fig. 23**



**Fig. 24**

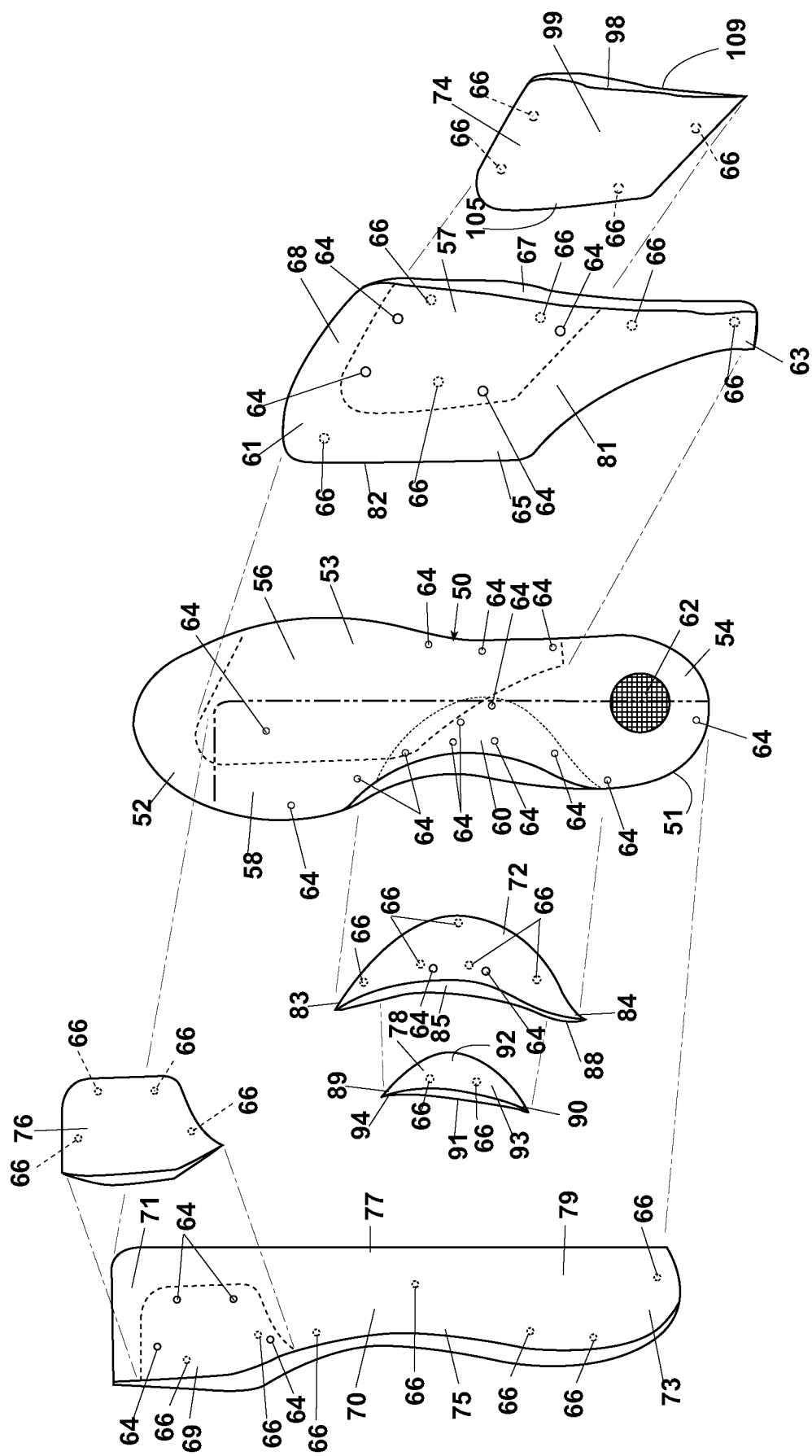


**Fig. 25**

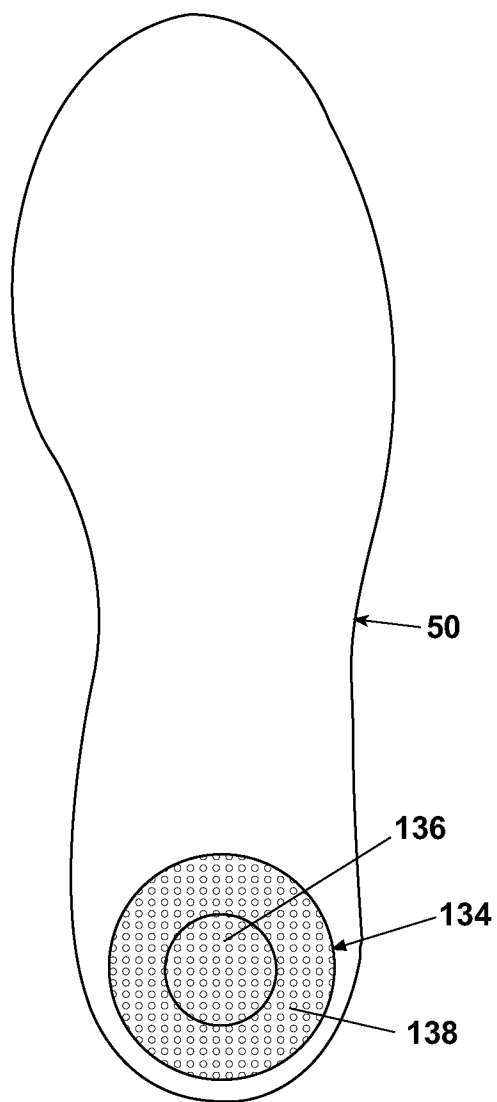


**Fig. 26**

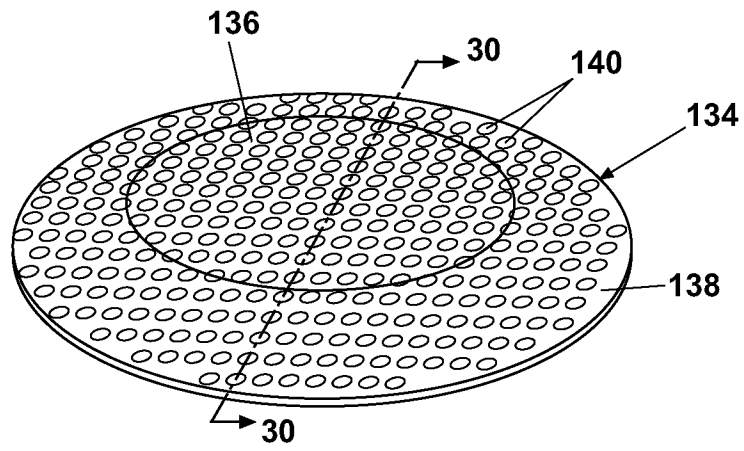




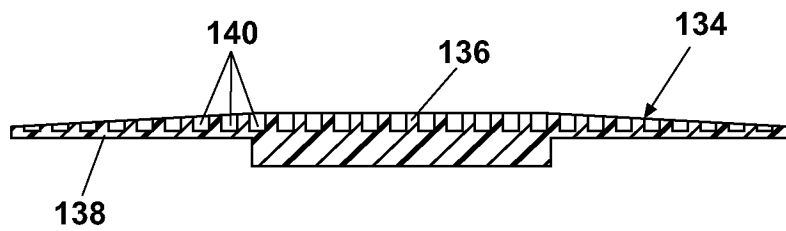
**Fig. 27**



**Fig. 28**



**Fig. 29**



**Fig. 30**